



DMH320



SMH310

Features

DMH320

New generation headset, developed from the long established DMH200 series. Specifically designed for professional use, both in communications systems and as an on-air commentator or reporter headset. All the comfort and durability features for which the DMH200 series has become renowned are retained in this design. The headset is mechanically almost indestructible, and is made from a flexible composite material that will not break if dropped or stepped on. The dual-chamber foam-filled ear shells are larger on the 300 series than the 200 for improved wearing comfort, and high acoustic isolation reduces ear fatigue in noisy environments.

A broadcast quality noise-cancelling balanced 200 ohm dynamic microphone is fitted, with good resistance to breath and wind noise. Frequency response 40-15000Hz. The patented new boom design is unique in that it can be adjusted to any position either as a right or a left hand headset, with positive detent stops for the boom, total rotation 300°. Swinging the boom up in either direction shuts off the mic. The boom itself is fully flexible and can be bent into the optimum position to suit the user.

The 1.8 metre headset cable is specially designed to minimise crosstalk between the microphone and the ear loudspeakers, and has a high resistance to fatigue failure. Earpiece impedance 2x400 ohms, maximum power rating 100mW (DIN 45582), external noise isolation >25dBA, weight 350g. Available with XLR 4 pin or 5 pin .

SMH310

As DMH320, but single muff.
Available with XLR 4 pin connector.
Weight 220g.

DMH320 - Dual muff
SMH310 - Single muff

- Very robust construction, made from unbreakable flexible composite material
- Similar construction to our 200 series, spare parts available
- Dual-chamber foam filled earshells, larger than 200 series for wearing comfort
- High acoustic isolation on DMH320 for reduced ear fatigue
- Extended response ear loudspeakers
- Broadcast quality noise-cancelling dynamic microphone
- New boom design allows use with boom at left or right side
- Mic switched off by swinging boom upwards
- Boom can be bent into optimum position to suit the wearer

The Tecpro Communication System

Tecpro is a 'two wire' or, as it is sometimes known, 'party-line' or 'ring' system which enables a number of people to take part in the same conversation. Each participant can hear all other participants on the same circuit while being able to talk to them simultaneously, so a full 'duplex' conversation can take place – similar to a telephone system.

The major applications for these systems are in the theatre, conference, live performance and broadcast markets, though new applications are constantly emerging.

A basic Tecpro communication system would comprise a power supply and two or more outstations or belt packs. An outstation may be wall mounted, free-standing or mounted in a rack. It will usually have a built-in loudspeaker and possibly a microphone. Belt packs are intended for personal use and work only with a headset. Outstations and belt packs connect together with two core screened microphone cable which carries system power, audio, and various control signals. Most have a 3-pin XLR input and output and can be simply daisy-chained together. Alternatively interconnection can radiate out from a central, passive splitter. A combination of both methods is often used.

More complex systems can use a master station which has two in-built power supplies and offers two independent communication circuits, A and B, which can be linked if required.



TECHNICAL SPECIFICATION - HEADSETS: DMH320 & SMH310

Nominal impedance.....	400 ohm each at 1kHz
Frequency response.....	20–20,000Hz
Sensitivity.....	94dB s.p.l. for 1mW
Distortion.....	Less than 0.5%
Max. rated power handling.....	0.5 watts
Microphone.....	Dynamic type, uni-directional, wired balanced
Nominal impedance.....	200 ohm at 1kHz
Frequency response.....	40–15,000Hz
Approx. weight.....	DMH320 350g SMH310 220g
Cable.....	1.8m (balanced mic with separate left and right ear loudspeakers)

OTHER TECPRO PRODUCTS

MS741 MASTER STATION - Combined power supply and 2 circuit station

ME742 MASTER STATION EXTENDER - Combined power supply and 2 circuit extender unit

MS 745 MASTER STATION - Basic combined power supply and 2 circuit station

PS711 3 CIRCUIT POWER SUPPLY

PS713 BATTERY POWER UNIT

BA905 BOOST ADAPTOR

BP111 BELTPACK HEADSET OUTSTATIONS - Single circuit

BP112 and BP113 BELTPACK HEADSET OUTSTATIONS - Dual circuit (switchable)

BP114 and BP115 BELTPACK HEADSET OUTSTATIONS - Dual circuit (monaural)

BP116 and BP117 BELTPACK HEADSET OUTSTATION - Dual circuit (binaural)

HS120 SERIES HEADSET OUTSTATIONS - Fixed headset outstations for permanent installations

LS300 SERIES TALKBACK LOUDSPEAKER STATIONS

LS SERIES PAGING LOUDSPEAKER STATIONS

SL909 XENON STROBE LAMP

CONNECTION ACCESSORIES - Standard cables and special function cables

AD903 AUXILLIARY INPUT and OUTPUT ADAPTER - 2 wire to 4 wire interface

AD913 SIMPLEX RADIO ADAPTER

YL916 HEADSET OUTSTATION 'Y' LEAD

SB901 SPLITTER / ISOLATOR BOX

L1906 LINE ISOLATOR

WALLMOUNT CONNECTOR PLATES

HEADSETS:

DMH220 - Dual muff

SMH210 - Single muff

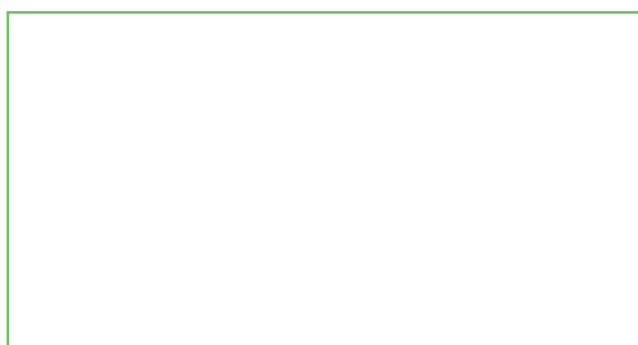
SMH130 - Lightweight single muff with boom

HANDSETS:

HH10 - Telephone handset

HH5 - Fist mic

DEALER



Issue 1
CANFORD AUDIO PLC
CROWTHER ROAD
WASHINGTON
NE38 0BW
UK

tel: +44 (0) 191 418 1040
tecpro@canford.co.uk
www.canford.co.uk